

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S31	3	"7038818".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:43
S33	2	JP-2001270194-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:44
S32	2	JP-2002225625-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:44
S35	3	"5892595".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:45
S34	2	JP-2001217972-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:45
S1	10	10/632957	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:52
L2	3	"20010019429"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:53

## EAST Search History

L1	3	"20020036643"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:53
L10	1962	(358/1.6).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:54
L9	143	(358/305).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:54
L8	3555	(358/474).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:54
L7	5300	(358/1.9).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:54
L6	2723	(358/1.13).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:54
L5	1218	(358/468).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:54

## EAST Search History

L4	815	(358/444).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:54
L3	2	"6285790".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:54
S9	243	((external near device) same (image near apparatus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:55
L11	33805	((external near device\$1) or (expansion near (device\$1 or unit\$1))) same (fax\$3 or facsimile or scan\$4 or print\$3 or network\$3 or copy\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:57
L12	30346	L11 and (attach\$3 or detach\$4 or remov\$4 or connect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:58
L13	933	L11 and ((attach\$3 or detach\$4 or remov\$4 or connect\$3) near5 ((user near interface) or (operation near unit)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 15:59
L15	72	L14 and ((image adj forming adj apparatus) or (copy\$3 near (machine or apparatus)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:01

## EAST Search History

L14	508	L13 and ((external near (unit or device)) or (expansion near (unit or device))) same (control\$4 or command\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:07
		L13 and ((external near (unit or device)) or (expansion near (unit or device))) same ((connect\$3 or attach\$4 or detach\$4) near3 ((image adj form\$3 adj apparatus) or (copy\$3 near machine)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:08
L18	189624	L13 and ((external near (unit or device)) or (expansion near (unit or device))) same2 ((image adj form\$3 adj apparatus) or (copy\$3 near machine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:10
L16	17	L13 and ((external near (unit or device)) or (expansion near (unit or device))) same ((image adj form\$3 adj apparatus) or (copy\$3 near machine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:10
L19	9	L13 and ((external near (unit or device)) or (expansion near (unit or device))) same ((connect\$3 or attach\$4 or detach\$4) near15 ((image adj form\$3 adj apparatus) or (copy\$3 near machine)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:11
L20	68	L11 and L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:20
L21	105	L11 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:28

## EAST Search History

L17	8	L13 and ((external near (unit or device)) or (expansion near (unit or device))) same ((connect\$3 or attach\$4 or detach\$4) near3 ((image adj form\$3 adj apparatus) or (copy\$3 near machine)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:28
L24	3	L17 and L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:29
L23	3	L17 and L22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:29
L26	23	L22 and L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:30
L25	343	L22 and L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:32
L22	356	L11 and L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 16:42
L27	304	L11 and L7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:02

## EAST Search History

L29	0	L11 and L9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:12
L28	158	L11 and L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:12
L30	47	L11 and L10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:14
L34	59	L33 and L11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:17
L32	31	L31 and L11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:17
L31	201	(399/75).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:17
L35	39	(399/108).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:18

## EAST Search History

L33	810	(399/81).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:18
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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L39	258368	Ricoh	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:30
L44	3717	L12 and L41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:31
L42	5	L13 and L40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:31
L13	933	L11 and ((attach\$3 or detach\$4 or remov\$4 or connect\$3) near5 ((user near interface) or (operation near unit)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:31
L46	127	L45 and ("358").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:32
L45	933	L43 and L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:32
L43	933	L13 and L41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:32



## EAST Search History

L6	2723	(358/1.13).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:36
L50	4	L16 and L47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:37
L49	4	L16 and L48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:37
L47	9701	(358/1.15).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:37
L16	17	L13 and ((external near (unit or device)) or (expansion near (unit or device))) same ((image adj form\$3 adj apparatus) or (copy\$3 near machine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:37
L48	885	L11 and L47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:38

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	10/632957	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 18:03
S2	18	("5050221"   "5349419"   "5508811"   "5619343"   "5703693"   "5745253"   "5815289"   "5870648"   "5897251"   "5966556"   "6041139"   "6144777"   "6151457"   "6172774"   "6246487"   "6320674"   "6354589"   "6438350").PN. OR ("7123385"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/01 15:32
S3	2694	(Oteki-Sugitaka or Takahashi-Yuji or Miyazaki-Hideto or Nomizu-Yasuyuki or Kawamoto-Hiroyuki or Ishii-Rie or Tone-Takeharu or Miyazaki-Shinya or Yoshizawa-Fumio or Fukuda-Hiroaki)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 15:41
S4	2697	(Oteki-Sugitaka or Takahashi-Yuji or Miyazaki-Hideto or Nomizu-Yasuyuki or Kawamoto-Hiroyuki or Ishii-Rie or Tone-Takeharu or Miyazaki-Shinya or Yoshizawa-Fumio or Fukuda-Hiroaki or Satoh-Takako)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 15:42
S5	134	S4 and (format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 15:42
S6	5	S4 and ("same" near format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 15:45

## EAST Search History

S7	64	S4 and (external near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:08
S8	134	S4 and (format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 15:50
S9	243	((external near device) same (image near apparatus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 15:50
S10	26	S9 and (data near format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 15:51
S11	2	"4084259".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 15:59
S12	2	"5006937".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 15:59
S13	2	"5802209".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:00

## EAST Search History

S14	0	EP-0705026-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:00
S15	0	EP-2000705026-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:00
S16	0	EP-0853419-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:01
S17	2	"6317220".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:01
S18	2	"5684611".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:01
S19	2	"5485160".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:02
S20	2	"4709274".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:04

## EAST Search History

S21	11	(transmi\$6 near10 ((image near data) near5 ("same" near format)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:05
S22	43	(stor\$3 near10 ((image near data) near5 ("same" near format)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:48
S23	2	S22 and (external near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:08
S24	9645	(memory near access) same (format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:45
S25	2	S24 and ((expansion near unit) near10 (apparatus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:47
S26	4	S24 and ((expansion near unit) same (apparatus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:47
S27	2	JP-10304173-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:53

## EAST Search History

S28	65	Namizuka-Yoshiyuki	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 16:54
S29	16	(power near sav\$3) same ((expansion or extension) near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 18:05
S30	33	((power or energy) near sav\$3) same ((expansion or extension) near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 18:05